



**DECLARATION
FOR PATENT APPLICATION**

As below named inventors,

We hereby declare that our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled: **REACTOR FOR EXTENDED DURATION GROWTH OF GALLIUM CONTAINING SINGLE CRYSTALS** the specification of which

is attached hereto.

was filed on August 1, 2003 and assigned Application Serial Number 10/632,736 and was amended on _____

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign applications for patent or inventor's certificate, listed below and so identified, and we have also identified below any foreign application for patent or inventor's certificate on this invention filed by my or my legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

Number	Country	Day/Month/Year Filed	Priority Claimed - Yes or No

We hereby claim the benefit under Title 35, United States Code, § 120 of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial No.	Filing Date	Status
09/903,299	July 11, 2001	Pending When Filed, Now U.S. Patent No. 6,656,285, issued December 2, 2003
09/900,833	July 6, 2001	Pending When Filed, Now U.S. Patent No. 6,613,143, issued September 2, 2003

We hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States provisional application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior provisional application and the filing date of this application.

Provisional Application No.	Filing Date	Status

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor:

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Inventor's signature:

Date:

11/07/2004

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Full name of second joint inventor:

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Full name of third joint inventor: Vladimir Ivantsov

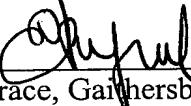
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Full name of fourth joint inventor: Katie Tsvetkov

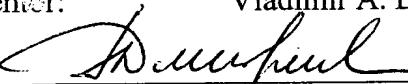
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Full name of fifth joint inventor: Vladimir A. Dmitriev

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